

**WEDA**

**Eastern Chapter Annual Meeting**

*Revitalization of the Working Port of Boston*

October 10, 2017

# The Port of Boston is Vital to the Regional Economy

## The Port of Boston: A Major Contributor to the Regional Economy

- \$4.6B economic impact
- 50,000 total jobs
  - 7,000 direct jobs
- Federal tax revenues of \$203M
- State & local tax revenues of \$136M
- 1,600 businesses use the port

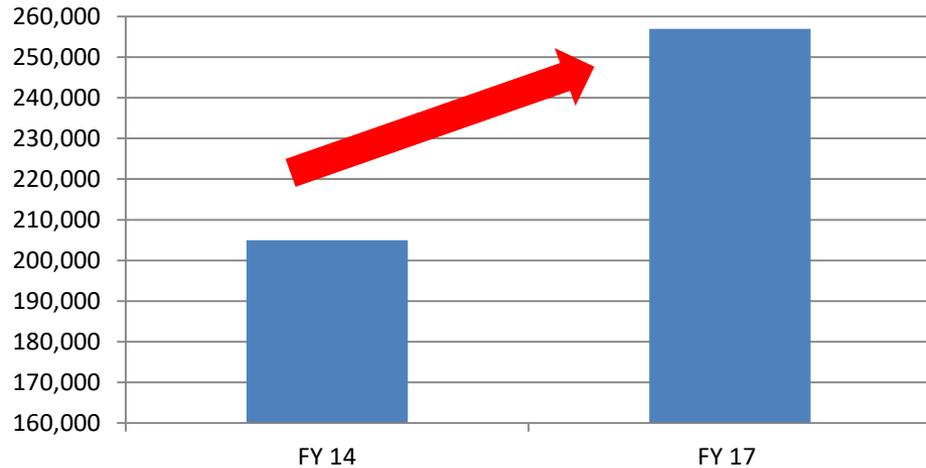
## The Port Compared to Boston's Largest Employers

Entity	Employees
Mass. General	14,752
Brigham&Women's	11,229
Boston University	9,783
Children's Hospital	7,903
State Street	7,800
<b>Port of Boston</b>	<b>7,091</b>
Beth Israel	6,695
Fidelity	5,500
Harvard Graduate Schools	5,132
Northeastern	4,484

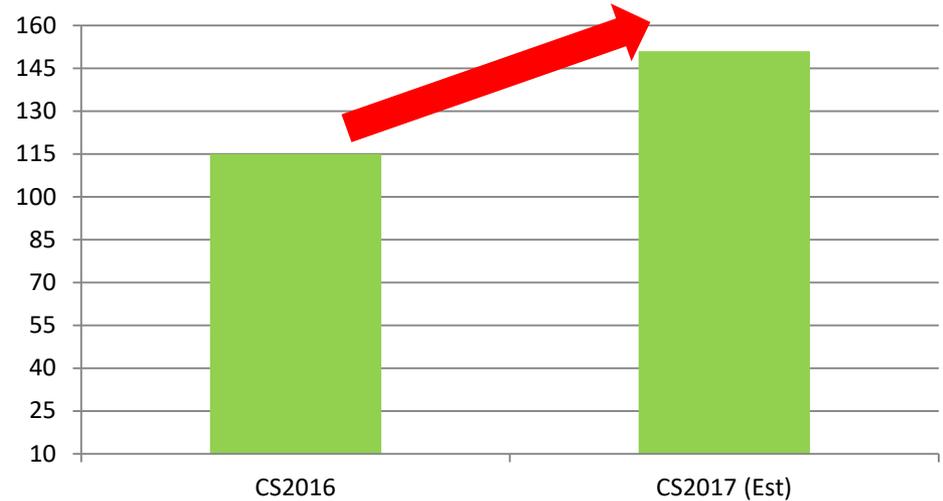
Source: Boston Redevelopment Authority, *Largest Employers in the City of Boston*, November 2013. Martin Associates, *Economic Impact of the Port of Boston*, 2014.

# Economic Activity at the Working Port

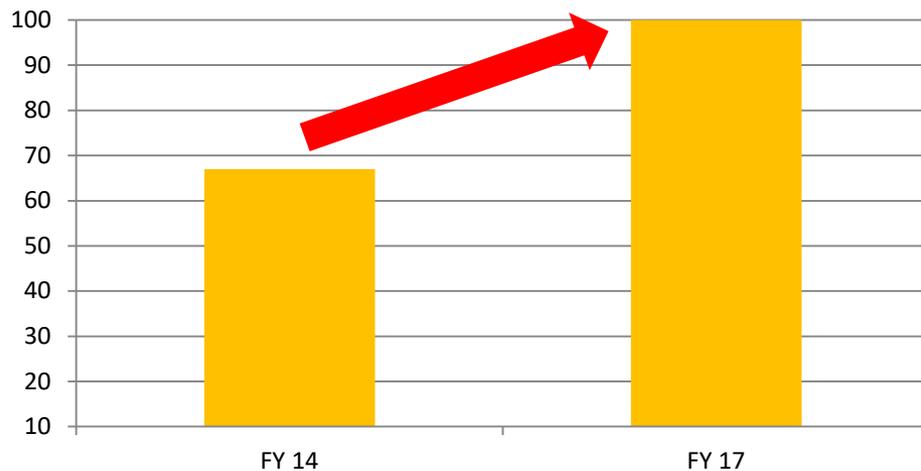
### Total TEUs at Conley Terminal



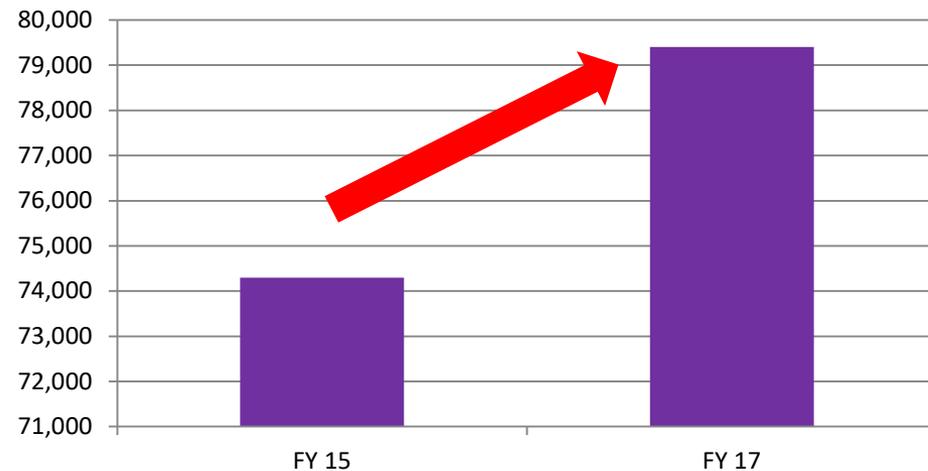
### Total Ship Calls at Flynn Cruiseport Boston



### Fish Pier Seafood Space Occupancy Percentage



### Total Cars Processed at Autoport

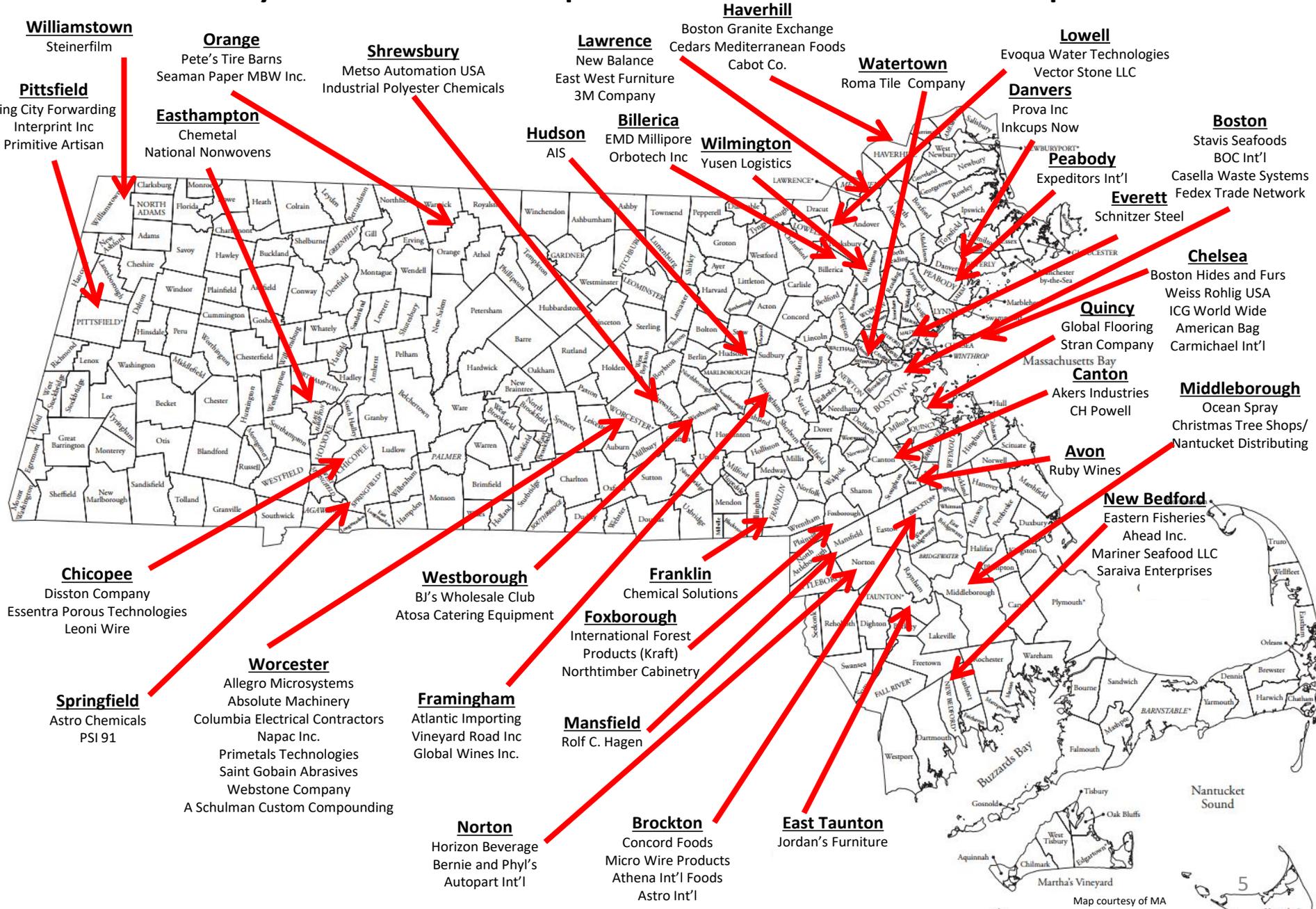


# Conley Terminal is New England's Only Full-service Container Terminal



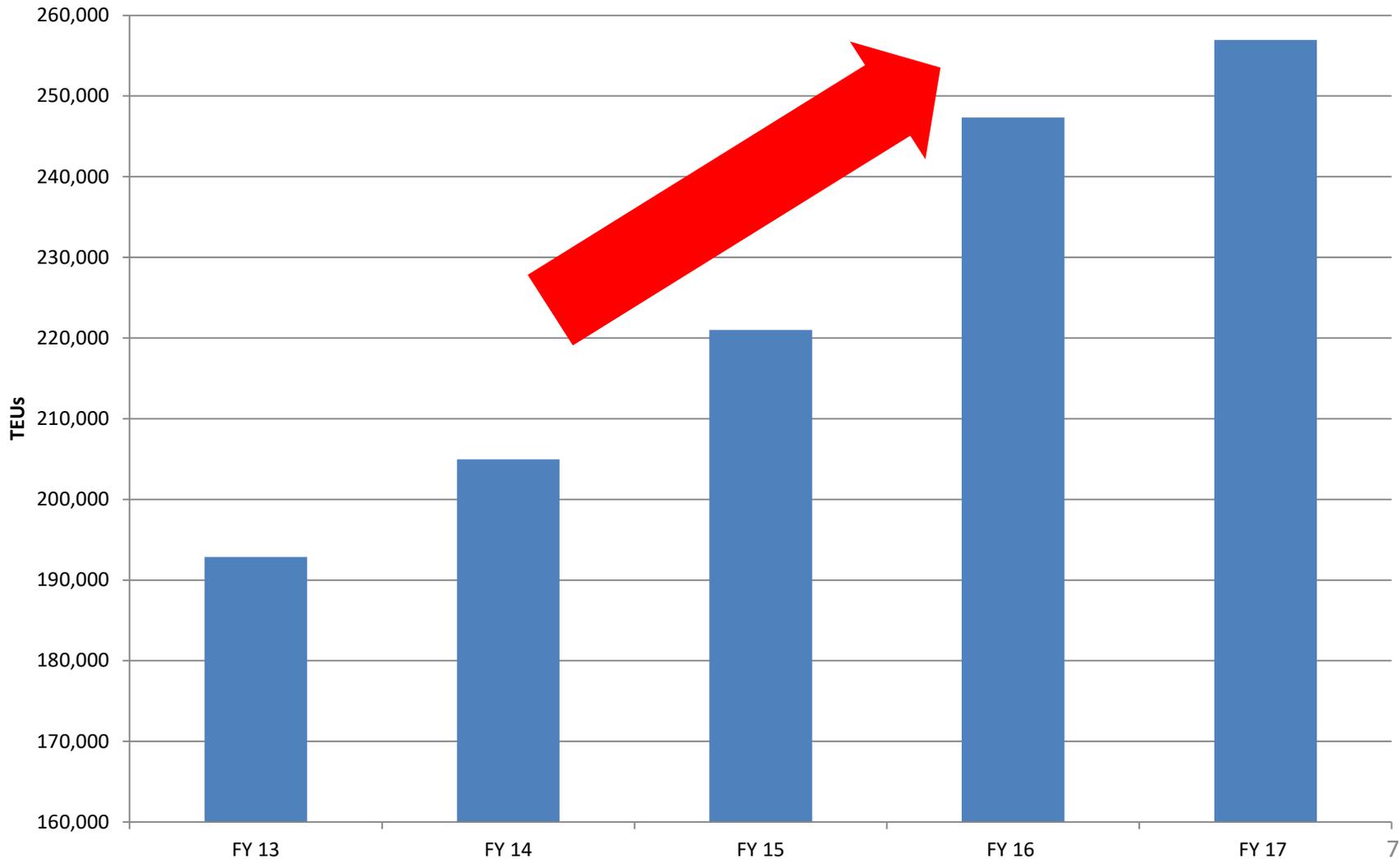
- **Global access for the area's businesses and industry as well as its 14 million consumers**
  - Shipping Lines: MSC, Maersk, Ocean Alliance, THE Alliance
  - Weekly Service to/from Asia, North Europe, Mediterranean and Latin America
  - 1/3 of New England bound cargo moves through Conley
  - Efficient connectivity to interstate highway system
- **Center of international commerce**
  - Top Imports: Seafood, Furniture, Beverages & Spirits, Plastics
  - Top Exports: Paper, Logs & Lumber, Scrap Metal, Seafood
  - Import To Export Ratio = 1.4:1
- **A diverse collection of companies use Conley Terminal to import and export their products**
  - Top Customers: IFP (Kraft), America Chung Nam, Schnitzer Steel, Heineken, Christmas Tree Shops, BJs Wholesale Club, Ogo Fibers, Ocean Spray, Jordan's Furniture

# Conley Terminal Keeps MA Businesses Competitive

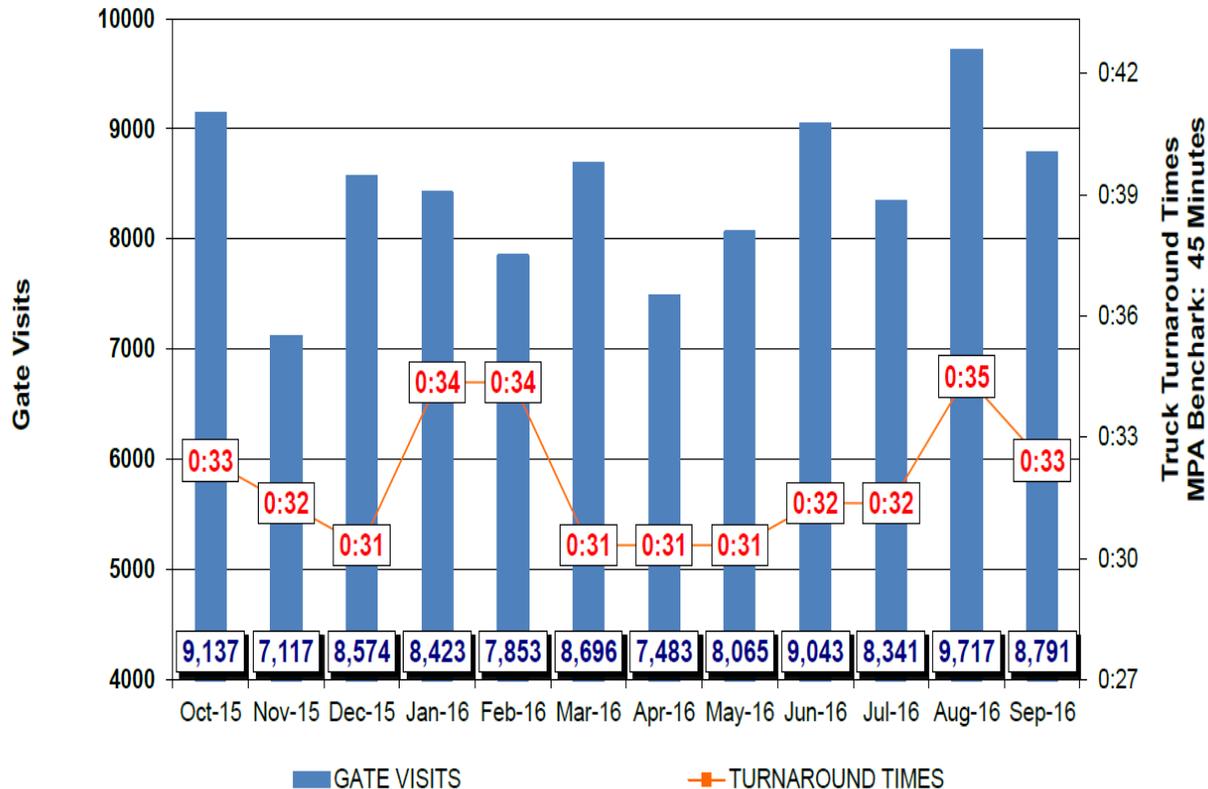




# In FY17 Conley Terminal set its third consecutive record for volume



# Lack of Congestion: Shippers can get their cargo when they need it



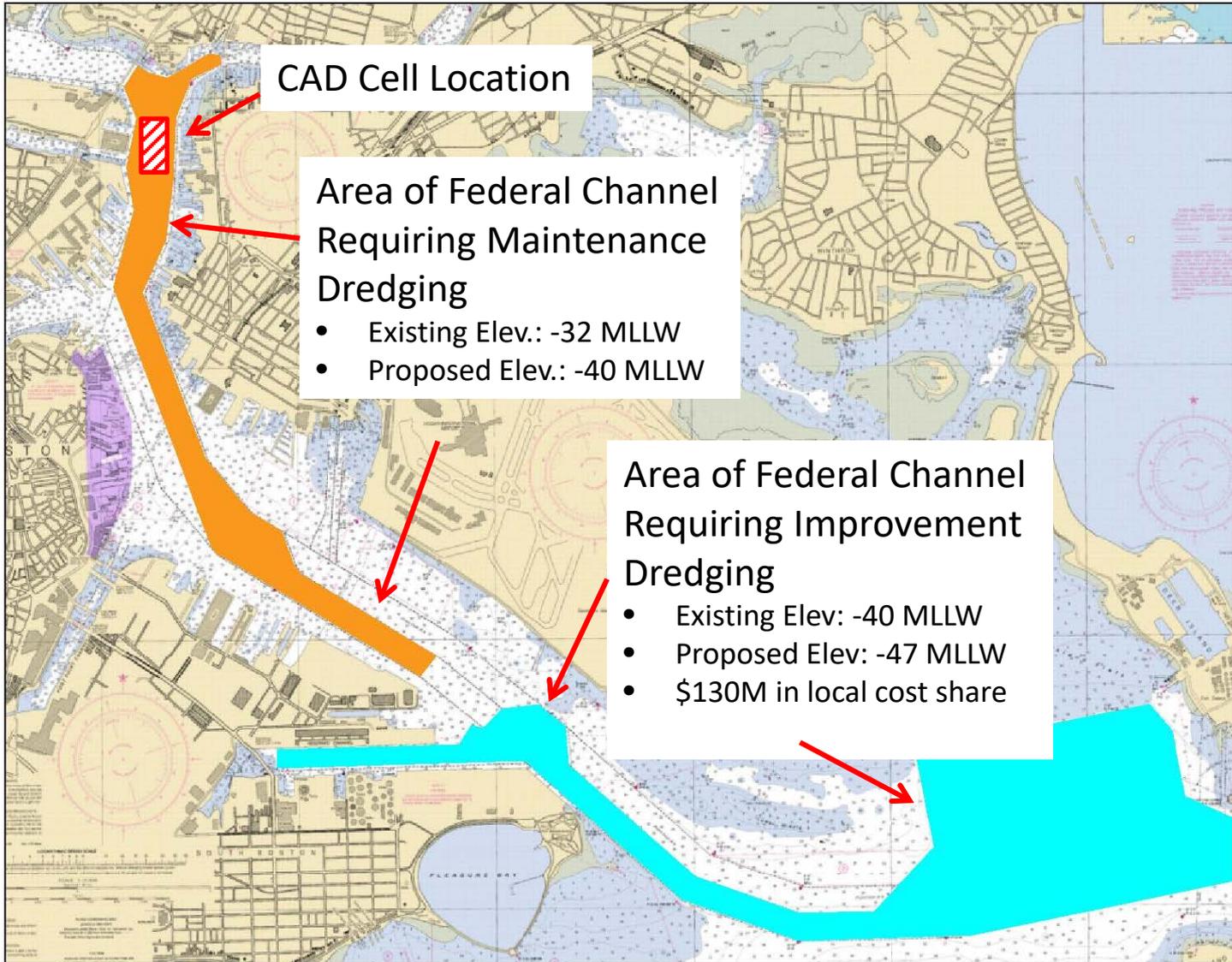
A gate visit is defined as a truck entering Conley Terminal to pickup and/or deliver a load. One visit may result in multiple transactions.

- Average truck turnaround times at Conley Container Terminal during the past 12 months were approximately 32 minutes

Last summer, 8,500 TEU ships started calling Conley weekly



# Maintenance Dredging began in July; Improvement Dredging slated to begin this Fall



# President's Budget: \$58M Included for Dredging The Boston Globe

## Savannah, Boston seaports beat competitors in Trump budget



DAVID L. RYAN/GLOBE STAFF/FILE 2012

By Russ Bvnum | ASSOCIATED PRESS MAY 24, 2017

Ports across the U.S. East and Gulf coasts are racing to make room for bigger cargo ships now arriving through an expanded Panama Canal. Trump's fiscal 2018 budget proposal seeks funding for only two of them: \$50 million toward dredging the shipping channel to the Port of Savannah, Georgia, and \$58 million to start deepening Boston harbor.

# Conley Terminal Planned Revitalization & Modernization

**Dedicated Freight Corridor**

**New Berth With 3 New Cranes  
(\$107.5M from Economic  
Development Bill)**

**Existing Terminal  
(\$42M FASTLANE  
Grant)**



**Buffer Open Space**

# Technology Advancing at Conley Terminal

The Boston Globe

## Port of Boston security gets big helping scan

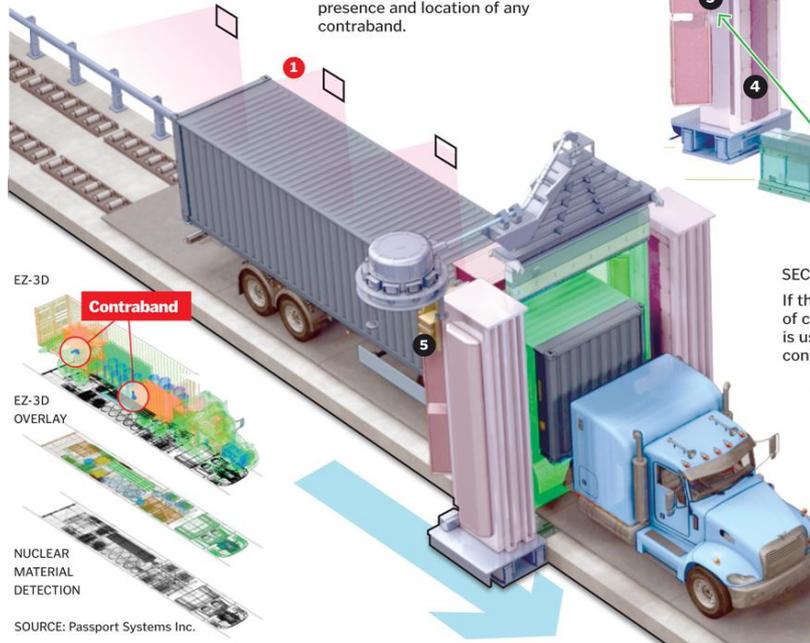
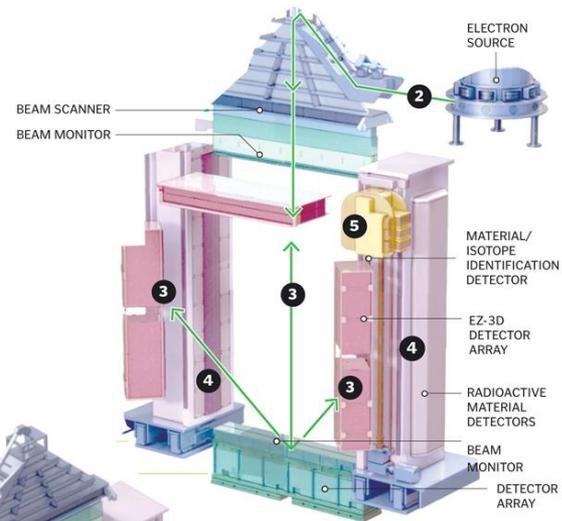
By Hiawatha Bray | GLOBE STAFF FEBRUARY 03, 2016

### INSIDE THE AUTOMATED CARGO INSPECTION SYSTEM

The driver pulls the truck into the Smartscan system then leaves the truck before the rigorous scanning process begins.

#### PRIMARY SCANNING

- 1 **Passive radiation detection** is performed by monitors on the walls of the scanning station.
- 2 **Beam scanner** takes a top-down x-ray of the vehicle.
- 3 **Nuclear Material Detectors** detect neutrons produced when X-ray beam comes into contact with radioactive material.
- 4 **3D Detector array** measures cargo by density and atomic number in real time, alerting scanner operator to the presence and location of any contraband.



#### SECONDARY SCANNING

If the primary scan detects the presence of contraband then secondary scanning is used to precisely examine and confirm or clear the suspect cargo.

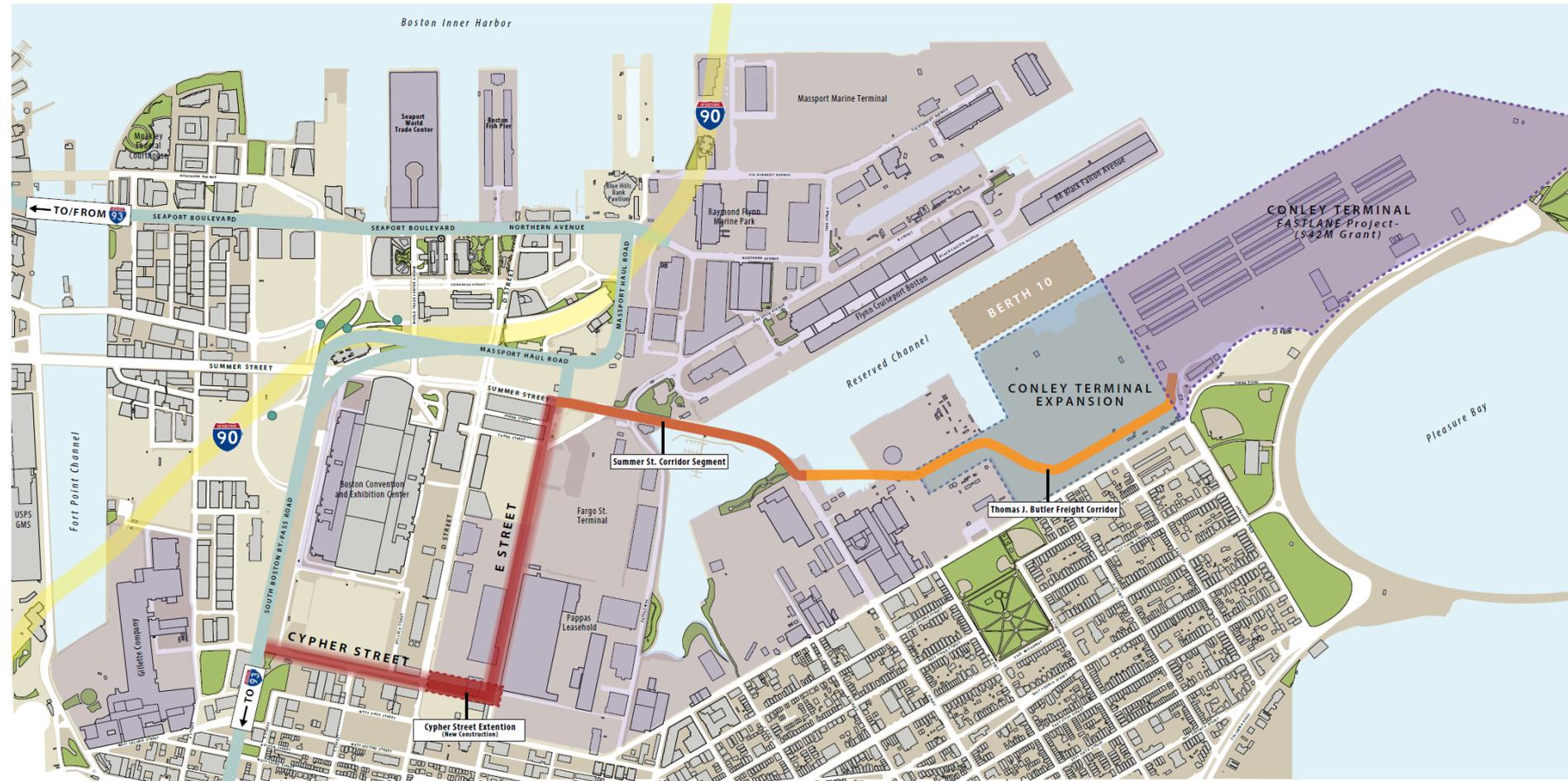
- 5 **The Isotope ID Detector** monitors the unique signature of photons released as the X-ray beam illuminates the region. Substance ID can be positively determined within a few minutes without opening the container.

NUCLEAR MATERIAL DETECTION

SOURCE: Passport Systems Inc.

IMAGES: SMARTSCAN 3D GRAPHIC: GLOBE STAFF

# Over 6,000 Daily Truck Trips in the Seaport, Need for Truck Routes and Cypher and E Street Connection



Massachusetts Port Authority  
**massport** Real Estate & Asset Management  
 October 2016



- Primary Truck Routes  
general traffic allowed
- Butler Dedicated Freight Corridor  
Spring 2017 Completion
- Cypher/E St. Corridor Truck Route  
Existing / Requires Construction
- Interstate Ramp Access
- Interstate Tunnels
- Truck Generating Facilities

**Conley Terminal / Maritime  
 Industry Truck Routes**  
 South Boston

*Questions?*